

11/23/01 Box seg 1A

Customer No. 000959

Case Docket No. AHN-010

11/21/01
jc960 U.S. PTO

The Commissioner for Patents
BOX PATENT APPLICATION
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

jc971 U.S. PTO
09/991099
11/21/01

"Express Mail" Mailing Label Number EL 916 824 061 US

Date of Deposit November 21, 2001

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to The Commissioner for Patents, BOX PATENT APPLICATION, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202

Signature

Ilidio P. Cardoso

Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jeffrey W. Pollard, Winfried Edelmann, Paula E. Cohen, Burkhard Kneitz, Panos Stevis, and Raju S. Kucherlapati

For: MSH4 Ablated Mice and Uses Therefor

Enclosed are:

- ☐ This is a request for filing a ☐ continuation ☐ divisional application under 37 CFR 1.53(b), of pending prior application serial no. _____ filed on _____ entitled _____
- ☒ 40 pages of specification, 3 pages of claims, 1 pages of abstract.
- ☒ 8 sheets of drawings (Figures 1-8).
- ☒ 7 pages of *unexecuted* Declaration, Petition and Power of Attorney.
- ☒ Request for Non-Publication
- ☒ Transmittal Letter for Diskette Containing Sequence Listing;
- ☒ 1 page of Sequence Listing (Paper Copy)
- ☒ Diskette Containing Computer Readable Copy of the Sequence Listing;
- ☒ 5 pages of Application Data Sheet;
- ☒ Statement of Limited Recognition Under 37 C.F.R. §10.9(b);
- ☒ Pre-paid acknowledgement postcard.

The filing fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) |
|--|----------------------|-----------|
| FOR: | NO. FILED | NO. EXTRA |
| BASIC FEE | //////////////////// | |
| TOTAL CLAIMS | 28 - 20 | = 8 |
| INDEP. CLAIMS | 10 - 3 | = 7 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED | | |

* If the difference in Col. 2 is less than zero, enter "0" in Col. 2.

| SMALL ENTITY | |
|--------------|-----|
| RATE | FEE |
| //////// | \$ |
| x 9= | \$ |
| x 42 | \$ |
| +140 | \$ |
| TOTAL | 0 |

| OTHER THAN SMALL ENTITY | |
|-------------------------|-----------|
| RATE | FEE |
| //////// | \$ 740 |
| x 18= | \$ 144 |
| x 84 | \$ 588 |
| +280 | \$ |
| TOTAL | \$1472.00 |

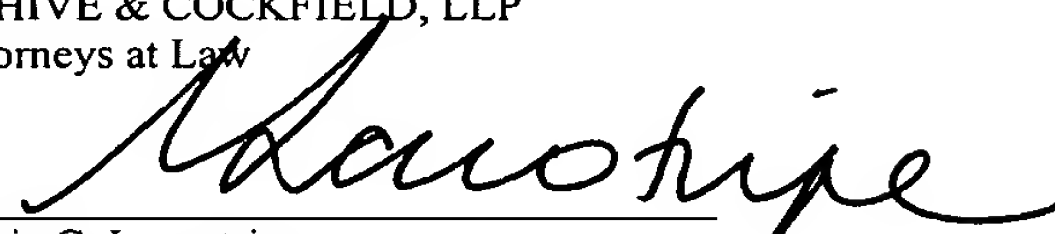
☐ Please charge my Deposit Account No. 12-0080 in the amount of \$.
A duplicate copy of this sheet is enclosed.

- ☒ A check in the amount of \$ \$1472.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-0080.
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.
A duplicate copy of this sheet is enclosed.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- ☐ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.
- ☒ Address all future communications (May only be completed by applicant, or attorney or agent of record) to Amy E. Mandragouras at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP
28 State Street
Boston, Massachusetts 02109

Date: November 21, 2001

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By 
Maria C. Laccotripe
Limited Recognition Under 37 C.F.R. §10.9(b)
28 State Street
Boston, MA 02109
(617) 227-7400
Telecopier (617) 742-4214

09991099 11111111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Jeffrey W. Pollard *et al.*

Serial No.: N/A

Filed: Herewith

For: *MSH4 Ablated Mice and Uses Therefor*

Attorney Docket No.: AHN-010

The Commissioner for Patents
BOX PATENT APPLICATION
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

REQUEST FOR NON-PUBLICATION

Dear Sir:

Applicants hereby request that the above-identified application not be published under 35 U.S.C. §122(b) and §1.211. Applicants hereby certify that the invention disclosed in the above-identified application has not been, and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires eighteen-month publication after filing.

"Express Mail" mailing label number EL 916 824 061 US

Date of Deposit November 21, 2001


I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: The Commissioner for Patents, BOX PATENT APPLICATION, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202

Signature

Ilidio P. Cardoso

Please Print Name of Person Signing

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By 
Maria C. Laccotripe
Limited Recognition Under 37 C.F.R. §10.9(b)
28 State Street
Boston, MA 02109
Tel. 617-227-7400
Fax 617-742-4214

Dated: November 21, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

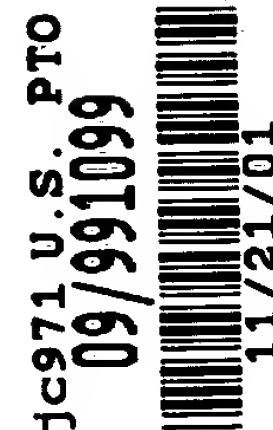
In re the application of: Jeffrey W. Pollard *et al.*

Serial No.: N/A

Filed: Herewith

For: *MSH4 Ablated Mice and Uses Therefor*

Attorney Docket No.: AHN-010



Commissioner for Patents
BOX SEQUENCE
Washington, D.C. 20231

TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING

Dear Sir:

Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the above-referenced patent application. The Sequence Listing complies with the requirements of 37 C.F.R. § 1.821. The material on this diskette is identical in substance to the sequence listing appearing on page 1 of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. § 1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of § 1.824(d).

"Express Mail" mailing label number EL 916 824 061 US

Date of Deposit November 21, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: The Commissioner for Patents, BOX PATENT APPLICATION, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202

Signature

Ilidio P. Cardoso

Please Print Name of Person Signing

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By *Maria C. Laccotripe*
Maria C. Laccotripe
Limited Recognition Under 37 C.F.R. §10.9(b)
28 State Street
Boston, MA 02109
Tel. 617-227-7400
Fax 617-742-4214

Dated: November 21, 2001

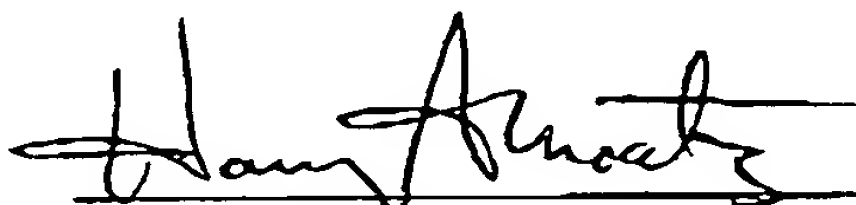
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

09991099
"12101"
Maria C. Laccotripe is hereby given limited recognition under 37 CFR §10.9(b) as an employee of Lahive & Cockfield, LLP, to prepare and prosecute patent applications where the patent applicant is the client of Lahive & Cockfield, LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Lahive & Cockfield, LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Maria C. Laccotripe ceases to lawfully reside in the United States, (ii) Maria C. Laccotripe's employment with Lahive & Cockfield, LLP ceases or is terminated, or (iii) Maria C. Laccotripe ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: September 4, 2002



Harry I. Moatz

Director of Enrollment and Discipline